

CLAIMS

1. A communication control system, comprising:
 - a server connected to a communication network;
 - 5 a client configured to make a connection request to the server through the communication network;
 - a relay device configured to include a server-side connection terminal connected to the server and a client-side connection terminal connected to the client, and to relay
 - 10 communications between the server and the client;
 - an establishment holder configured to hold a response signal from being transmitted from the client-side connection terminal to the client, when the client-side connection terminal receives a connection request signal from the client;
 - 15 a decider configured to detect a connection state of the server-side connection terminal in response to the connection request signal, and to decide whether or not a connection can be established between the server-side connection terminal and the server; and
 - 20 a relay processor configured to transmit the response signal held by the establishment holder, and to establish communications between the client and the server so as to perform relay processing, depending on a result of decision made by the decider.
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2. The communication control system according to claim 1,

further comprising a charging processor configured to execute charging processing on the client, when communications are established between the server and the server-side connection terminal, and when communications are established between the client and the client-side connection terminal.

3. The communication control system according to claim 1, wherein the decider is configured to forward the connection request signal from the client to the server, and to decide whether or not communications can be established between the server-side connection terminal and the server, based on a response signal transmitted from the server in response to the forwarding.

4. The communication control system according to claim 1, further comprising a discard processor configured to release the holding state of the establishment holder, and to transmit a discard notification to the client via the client-side connection terminal, when communications are not established between the server-side connection terminal and the server.

5. A communication control method for controlling communications between a client and a server through a relay device, the method comprising:
holding a response signal to the client when receiving a connection request signal from the client, in the relay

device;

detecting a connection state of the server-side connection terminal in response to the connection request signal, and deciding whether or not a connection can be
5 established between the relay device and the server, in the relay device; and

transmitting the response signal held, and establishing communications between the client and the server so as to perform relay processing, when it is decided that
10 communications are established between the relay device and the server, in the relay device.

6. A relay device which relays communications between a client and a server, comprising:

15 a client-side connection terminal connected to the client;

a server-side connection terminal connected to the server;

an establishment holder configured to hold a response
20 signal from being transmitted from the client-side connection terminal to the client, when the client-side connection terminal receives a connection request signal from the client;

a decider configured to detect a connection state of the server-side connection terminal in response to the connection
25 request signal, and to decide whether or not a connection can be established between the server-side connection terminal and

the server; and

a relay processor configured to transmit the response signal held by the establishment holder, and to establish communications between the client and the server so as to perform relay processor, depending on a result of decision made by the decider.

7. The relay device according to claim 6, further comprising a charging processor configured to execute charging processing on the client, when communications are established between the server and the server-side connection terminal, and when communications are established between the client and the client-side connection terminal.

8. The relay device according to claim 6, wherein the decider is configured to forward the connection request from the client to the server, and to decide whether or not communications can be established between the server-side connection terminal and the server, based on a response signal transmitted from the server in response to this forwarding.

9. The relay device according to claim 6, further comprising a discard processor configured to release the holding state of the establishment holder, and to transmit a discard notification to the client via the client-side connection terminal, when communications are not established between the

server-side connection terminal and the server.